

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032404.D
 Acq On : 11 Oct 2023 19:33
 Operator : SY/MD
 Sample : 04826-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MSD

Quant Time: Oct 12 03:08:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	111107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37243	4.122	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.532	69	31773	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.060	65	14554	3.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.802	46	99948	43.724	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.440%
24) Chloroform-d	4.252	84	73815	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.947	65	32891	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	4.963	84	129779	3.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	5.992	67	42838	3.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.246	98	127648	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.558	79	16869	4.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.027	63	87359	45.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35974	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	47128	4.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	61588	4.974	ug/L	99
3) Chloromethane	1.217	50	61435	4.922	ug/L	98
5) Vinyl chloride	1.282	62	59567	5.004	ug/L	99
6) Bromomethane	1.487	94	33374	4.641	ug/L	98
8) Chloroethane	1.548	64	37504	5.233	ug/L	99
9) Trichlorofluoromethane	1.712	101	73857	5.173	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44990	5.201	ug/L	99
12) 1,1-Dichloroethene	2.069	96	40364	4.953	ug/L	92
13) Acetone	2.130	43	78524	44.570	ug/L	96
14) Carbon disulfide	2.243	76	126909	4.455	ug/L	100
15) Methyl Acetate	2.384	43	17214	4.340	ug/L	97
16) Methylene chloride	2.449	84	47435	4.465	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	102393	4.616	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	43600	4.671	ug/L	98
19) 1,1-Dichloroethane	3.114	63	85266	4.856	ug/L	97
21) 2-Butanone	3.883	43	118040	42.844	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	49760	4.951	ug/L	97
23) Bromochloromethane	4.153	128	20515	4.852	ug/L	95
25) Chloroform	4.278	83	164105	9.526	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032404.D
 Acq On : 11 Oct 2023 19:33
 Operator : SY/MD
 Sample : 04826-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJV0MSD

Quant Time: Oct 12 03:08:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	50305	4.943	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	70185	4.379	ug/L	98
30) Cyclohexane	4.587	56	67789	3.849	ug/L	100
31) Carbon tetrachloride	4.738	117	60079	4.430	ug/L	100
33) Benzene	5.011	78	209359	5.044	ug/L	100
34) Trichloroethene	5.834	95	2465850	217.630	ug/L	98
35) Methylcyclohexane	6.053	83	78347	4.468	ug/L	93
37) 1,2-Dichloropropane	6.095	63	51599	4.649	ug/L	100
38) Bromodichloromethane	6.436	83	72019	5.461	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	68292	4.323	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	306158	43.585	ug/L	100
42) Toluene	7.317	91	217754	4.922	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	55820	4.300	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	35181	4.493	ug/L	97
47) Tetrachloroethene	7.908	164	42130	4.903	ug/L	97
48) 2-Hexanone	8.079	43	223929	45.183	ug/L	98
49) Dibromochloromethane	8.182	129	40595	4.980	ug/L	97
50) 1,2-Dibromoethane	8.288	107	33413	4.512	ug/L	94
51) Chlorobenzene	8.818	112	126298	4.434	ug/L	98
52) Ethylbenzene	8.950	91	218437	4.434	ug/L	100
53) m,p-Xylene	9.075	106	80828	4.423	ug/L	98
54) o-Xylene	9.481	106	79414	4.510	ug/L	97
55) Styrene	9.500	104	136288	4.583	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	41083	4.768	ug/L	100
59) Bromoform	9.670	173	20746	4.521	ug/L	98
60) Isopropylbenzene	9.870	105	213964	4.362	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	29204	4.348	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	168433	4.213	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	170150	4.275	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	104236	4.449	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	105645	4.494	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	95747	4.481	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5796	4.223	ug/L	97
69) 1,3,5-Trichlorobenzene	12.587	180	73891	4.306	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	62504	4.107	ug/L	98
71) Naphthalene	13.442	128	106200	4.107	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	57687	4.399	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

